

Patent Abstracts of Japan

PUBLICATION NUMBER : 63203317
PUBLICATION DATE : 23-08-88

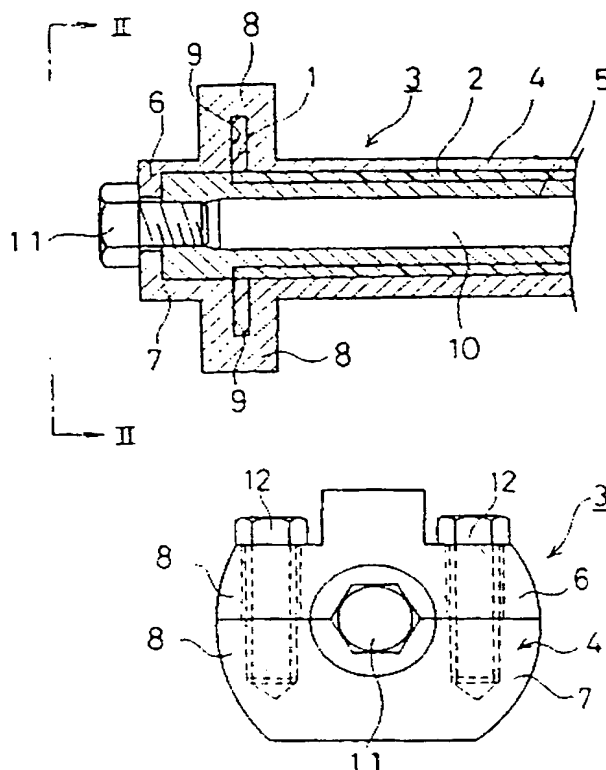
APPLICATION DATE : 20-02-87
APPLICATION NUMBER : 62037426

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INT.CL. : B29C 65/02 B29C 45/14 // F16B 11/00

TITLE : PREPARATION OF FLUORORESIN
TUBE HAVING FLANGE PART



ABSTRACT : PURPOSE: To form strongly and easily a flange part, by fitting a thermofusible fluororesin flange part member which is monolithically molded in advance, and an opening end of a relatively continuous thermofusible fluororesin pipe in a mold to make them in a roughly adhered state, and heating, fusing and cooling them.

CONSTITUTION: A flange part member 1 and an opening end of a stock tube 2 are set in a mold in such a way that they are in a fitted state. To do so, a core mold 5 is inserted in a roughly adhered state in the inner circumferential side from the opening end side of the stock tube 2 and thereafter a top force 6 and a bottom force 7 are assembled in such a way that the flange part member 1 may be put in a notch 9. These mold 5, 6 and 7 are fixed with bolts 11 and 12. Then, the neighbor of the flange part member 1 and the opening end of the stock tube 2 are heated and fused, for example, by winding a band heater on a larger diameter part 8 of an outer mold. Expanded resin by heating and fusing is restricted in the mold 3 and thereby the opening end of the stock tube 2 and the flange part member 1 are completely monolithically heat-fused. Finally, after the outer circumference of the mold 3 and the cavity 10 of the core mold 5 are cooled with a cooled water and the like, the mold 3 is dismantled.

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